International Application No
PCT/EP2005/009343

A. CLASSI	FICATION OF SUBJECT MATTER CO7K16/06 B01D15/26 B01D15/	38 B01D15/36	
According to	o International Patent Classification (IPC) or to both national classific	calion and IPC	
	SEARCHED	parent and a	
	commentation searched (classification system followed by classification CO7K BO1D	iion symbols)	
Documental	tion searched other than minimum documentation to the extent that	such documents are included in the fields se	parched
Electronic d	ata base consulted during the international search (name of data b	ase and, where practical, search terms used)
EPO-In	ternal, BIOSIS, WPI Data, PAJ		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with Indication, where appropriate, of the re	elevant passages	Relevant to claim No.
X	JOSIC-D ET AL.: "Analytical and preparative methods for purifica antibodies" FOOD TECHNOL BIOTECHNOL, vol. 39, no. 3, 2001, page 215-2 XP002357256	tion of	1
Y	page 221 page 219 the whole document	-/	1-21
X Funt	ther documents are tisted in the continuation of box C.	X Patent family members are listed	in annex.
<u> </u>			
"A" docum consider "E" eartier fiting o "L" docum which citatio	ent which may throw cloubts on priority claim(s) or is cited to establish the publication date of another in or other special reason (as specified)	 "T" later document published after the Inte or priority date and not in conflict with cited to understand the principle or th invention "X" document of particular relevance; the cannot be considered novel or cannot involve an inventive step when the do cannot be considered to involve an in 	the application but sory underlying the chairmed invention to be considered to current is taken alone laimed invention wealthy step when the
°P° docum	ent referring to an oral disclosure, use, exhibition or means ent published prior to the international filing date but than the priority date claimed	document is combined with one or meants, such combination being obvio in the art. *&* document member of the same patent	us to a person skilled
	actual completion of the international search	Date of mailing of the international sea	
1	16 January 2006	02/02/2006	
Name and	malling address of the ISA European Palemi Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk	Authorized officer	
1	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fac: (+31-70) 340-3016	Lechner, 0	

International Application No PCT/EP2005/009343

		10172120037003343
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	To
Category *	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FAHRNER R L ET AL: "INDUSTRIAL PURIFICATION OF PHARMACEUTICAL ANTIBODIES: DEVELOPMENT, OPERATION, AND VALIDATION OF CHROMATOGRAPHY PROCESSES" BIOTECHNOLOGY AND GENETIC ENGINEERING REVIEWS, INTERCEPT LTD., ANDOVER, GB, vol. 18, July 2001 (2001-07), pages 301-327, XP008034714	1
Υ	ISSN: 0264-8725 the whole document	1-21
P,X	WO 2004/076485 A (LONZA BIOLOGICS PLC; BONNERJEA, JULIAN; PRENETA, ANNA) 10 September 2004 (2004-09-10) the whole document	1-21
Y	US 6 399 750 B1 (JOHANSSON INGEMAR) 4 June 2002 (2002-06-04) cited in the application the whole document	1-21
A	BLANK G S ET AL: "EXPANDED BED ABSORPTION IN THE PURIFICATION OF MONOCLONAL ANTIBODIES: A COMPARISON OF PROCESS ALTERNATIVES" BIOSEPARATION, KLUWER ACADEMIC PUBLISHERS, DORDRECHT, NL, vol. 10, no. 1-3, 2001, pages 65-71, XP008031348 ISSN: 0923-179X the whole document	1
A	EP 0 289 129 A (REPLIGEN CORPORATION) 2 November 1988 (1988-11-02) cited in the application the whole document	1-21
A.	FUGLISTALLER P: "COMPARISON OF IMMUNOGLOBULIN BINDING CAPACITIES AND LIGAND LEAKAGE USING EIGHT DIFFERENT PROTEIN A AFFINITY CHROMATOGRAPHY MATRICES" JOURNAL OF IMMUNOLOGICAL METHODS, vol. 124, no. 2, 1989, pages 171-178, XP009058039 ISSN: 0022-1759 abstract	1-21

International Application No	
PCT/EP2005/00934	13

Calegory *	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
	Turn archael A continues foot flour	1 21
A	"rmp protein A sepharose fast flow" DOWNSTREAM THIRTY TWO 18-1145-45, 'Online! 2002, XP002357257 Retrieved from the Internet:	1-21
	URL:http://www.jp.amershambiosciences.com/ newsletter/downstream/pdf/downstream32.pdf > 'retrieved on 2005-12-01! the whole document	
	page 12	
A	IYER H ET AL: "CONSIDERATIONS DURING DEVELOPMENT OF A PROTEIN A-BASED ANTIBODY PURIFICATION PROCESS" BIOPHARM, CLEVELAND,OH, US, vol. 15, no. 1, 2002, pages 14-16,18,20,5, XP008043499	1-21
	the whole document	
A	EP 0 345 549 A (MILES INC) 13 December 1989 (1989-12-13) cited in the application claims 1-8 the whole document	1-21
A	GAGNON P: "AFFINITY CHROMATOGRAPHY: THE	1-21
,	FINE PRINT" VALIDTED BIOSYSTEMS QUARTERLY RESOURCE GUIDE FOR DOWNSTREAM PROCESSING, 1999, XP002315700 the whole document abstract	
A	BONNERJEA JULIAN: "Purification of therapeutic proteins." METHODS IN MOLECULAR BIOLOGY (CLIFTON,	1-21
	N.J.) 2004, vol. 244, February 2004 (2004-02), pages 455-462, XP009057988 ISSN: 1064-3745	
	the whole document	i i
A	"Antibody purification (Handbook, 18–1037–46, Edition AC)" 2002, AMERSHAM BIOSCIENCE, XP002357261 the whole document	1-21
A	NARHI LINDA O ET AL: "Effect of three elution buffers on the recovery and	1-21
	structure of monoclonal antibodies" ANALYTICAL BIOCHEMISTRY, vol. 253, no. 2,	
	15 November 1997 (1997-11-15), pages 236-245, XP002357750 ISSN: 0003-2697	·

ormation on patent family members

PCT/EP2005/009343

	tent document in search report		Publication date		Patent family member(s)		Publication date
WO	2004076485	A	10-09-2004	ΑU	2004215653	A1	10-09-2004
				CA	2516518	A1	10-09-2004
				EP	1601697	A1	07-12-2005
115	6399750	B1	04-06-2002	AU	709290	B2	26-08-1999
-	00,3,00		0. 00 =00=	AU	7593096	A	29-05-1997
			•	CA	2236900	A1	15-05-1997
				DE	69629127	D1	21-08-2003
				DE	69629127	T2	15-04-2004
				EP	0873353	A1	28-10-1998
				JP	2000500649	T	25-01-2000
				WO	9717361	A1	15-05-1997
EP	0289129	Α	02-11-1988	JP	63275600	Α	14-11-1988
EP	0345549	Α	13-12-1989	AT	121752	 Т	15-05 - 1995
	00 100 12	••		CA	1339188	C	29-07-1997
				DE	68922338	D1	01-06-1995
				DE	68922338	T2	31-08-1995
				ES	2071628	T3	01-07-1995
				JP	2084193	Α	26-03-1990
				JP	2664478	B2	15-10-1997
				US	4983722	Α	08-01-1991